

Sortal Number:

CRF Errors Corrected by the STIC Systems Branch

0570
6/03

OIPE

10/007,408

CRF Processing Date: 12/31/2001
Edited by: AJ
Verified by: (STIC stat)

Changed a file from non-ASCII to ASCII

ENTERED

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included: ..

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file;
 page numbers throughout text; other invalid text, such as _____

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:

Other:

seq 3 - corrected spelling of "amino"

(A2)

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/007,408

DATE: 12/31/2001
TIME: 18:46:12

Input Set : A:\pto.amc.txt
Output Set: N:\CRF3\12312001\J007408.raw

SEQUENCE LISTING

- 4 (1) GENERAL INFORMATION:
6 (i) APPLICANT: WAKAMIYA, Nobutaka
8 (ii) TITLE OF INVENTION: RECOMBINANT CONGLUTININ AND PRODUCING
9 METHOD THEREOF
11 (iii) NUMBER OF SEQUENCES: 5
13 (iv) CORRESPONDENCE ADDRESS:
14 (A) ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
15 (B) STREET: 233 South Wacker Drive/6300 Sears Tower
16 (C) CITY: Chicago
17 (D) STATE: Illinois
18 (E) COUNTRY: United States of America
19 (F) ZIP: 60606-6402
21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: Floppy disk
23 (B) COMPUTER: IBM PC compatible
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
27 (vi) CURRENT APPLICATION DATA:
C--> 28 (A) APPLICATION NUMBER: US/10/007,408
C--> 29 (B) FILING DATE: 08-Nov-2001
30 (C) CLASSIFICATION:
36 (vii) PRIOR APPLICATION DATA:
33 (A) APPLICATION NUMBER: PCT/JP95/02035
34 (B) FILING DATE: 02-OCT-1995
37 (A) APPLICATION NUMBER: JPA - 209698
38 (B) FILING DATE: 17-AUG-1995
40 (viii) ATTORNEY/AGENT INFORMATION:
41 (A) NAME: Gass, David A.
42 (B) REGISTRATION NUMBER: 38,153
43 (C) REFERENCE/DOCKET NUMBER: 19036/34546
45 (ix) TELECOMMUNICATION INFORMATION:
46 (A) TELEPHONE: (312) 474-6300
47 (B) TELEFAX: (312) 474-0448
50 (2) INFORMATION FOR SEQ ID NO: 1:
52 (i) SEQUENCE CHARACTERISTICS:
53 (A) LENGTH: 351 amino acids
54 (B) TYPE: amino acid
55 (C) STRANDEDNESS: not relevant
58 (D) TOPOLOGY: linear
60 (ii) MOLECULE TYPE: protein
65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
67 Ala Glu Met Thr Thr Phe Ser Gln Lys Ile Leu Ala Asn Ala Cys Thr
68 1 5 10 15
70 Leu Val Met Cys Ser Pro Leu Glu Ser Gly Leu Pro Gly His Asp Gly
71 20 25 30
73 Gln Asp Gly Arg Glu Cys Pro His Gly Glu Lys Gly Asp Pro Gly Ser

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74	35	40	45
76	Pro Gly Pro Ala Gly Arg Ala Gly Arg Pro Gly Trp Val Gly Pro Ile		
77	50	55	60
79	Gly Pro Lys Gly Asp Asn Gly Phe Val Gly Glu Pro Gly Pro Lys Gly		
80	65	70	75
82	Asp Thr Gly Pro Arg Gly Pro Pro Gly Met Pro Gly Pro Ala Gly Arg		
83	85	90	95
85	Glu Gly Pro Ser Gly Lys Gln Gly Ser Met Gly Pro Pro Gly Thr Pro		
86	100	105	110
88	Gly Pro Lys Gly Glu Thr Gly Pro Lys Gly Gly Val Gly Ala Pro Gly		
89	115	120	125
91	Ile Gln Gly Phe Pro Gly Pro Ser Gly Leu Lys Gly Glu Lys Gly Ala		
92	130	135	140
94	Pro Gly Glu Thr Gly Ala Pro Gly Arg Ala Gly Val Thr Gly Pro Ser		
95	145	150	155
97	Gly Ala Ile Gly Pro Gln Gly Pro Ser Gly Ala Arg Gly Pro Pro Gly		
98	165	170	175
100	Leu Lys Gly Asp Arg Gly Asp Pro Gly Glu Thr Gly Ala Ser Gly Glu		
101	180	185	190
103	Ser Gly Leu Ala Glu Val Asn Ala Leu Lys Gln Arg Val Thr Ile Leu		
104	195	200	205
106	Asp Gly His Leu Arg Arg Phe Gln Asn Ala Phe Ser Gln Tyr Lys Lys		
107	210	215	220
109	Ala Val Leu Phe Pro Asp Gly Gln Ala Val Gly Glu Lys Ile Phe Lys		
110	225	230	235
113	Thr Ala Gly Ala Val Lys Ser Tyr Ser Asp Ala Glu Gln Leu Cys Arg		
114	245	250	255
116	Glu Ala Lys Gly Gln Leu Ala Ser Pro Arg Ser Ser Ala Glu Asn Glu		
117	260	265	270
119	Ala Val Thr Gln Met Val Arg Ala Gln Glu Lys Asn Ala Tyr Leu Ser		
120	275	280	285
122	Met Asn Asp Ile Ser Thr Glu Gly Arg Phe Thr Tyr Pro Thr Gly Glu		
123	290	295	300
125	Ile Leu Val Tyr Ser Asn Trp Ala Asp Gly Glu Pro Asn Asn Ser Asp		
126	305	310	315
128	Glu Gly Gln Pro Glu Asn Cys Val Glu Ile Phe Pro Asp Gly Lys Trp		
129	325	330	335
131	Asn Asp Val Pro Cys Ser Lys Gln Leu Leu Val Ile Cys Glu Phe		
132	340	345	350
134	(2) INFORMATION FOR SEQ ID NO: 2:		
136	(i) SEQUENCE CHARACTERISTICS:		
137	(A) LENGTH: 171 amino acids		
138	(B) TYPE: amino acid		
139	(C) STRANDEDNESS: not relevant		
140	(D) TOPOLOGY: linear		
142	(ii) MOLECULE TYPE: protein		
147	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:		
149	Gly Leu Pro Gly His Asp Gly Gln Asp Gly Arg Glu Cys Pro His Gly		
150	1	5	10
			15

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152 Glu Lys Gly Asp Pro Gly Ser Pro Gly Pro Ala Gly Arg Ala Gly Arg
153 20 25 30
155 Pro Gly Trp Val Gly Pro Ile Gly Pro Lys Gly Asp Asn Gly Phe Val
156 35 40 45
158 Gly Glu Pro Gly Pro Lys Gly Asp Thr Gly Pro Arg Gly Pro Pro Gly
159 50 55 60
161 Met Pro Gly Pro Ala Gly Arg Glu Gly Pro Ser Gly Lys Gln Gly Ser
162 65 70 75 80
164 Met Gly Pro Pro Gly Thr Pro Gly Pro Lys Gly Glu Thr Gly Pro Lys
165 85 90 95
168 Gly Gly Val Gly Ala Pro Gly Ile Gln Gly Phe Pro Gly Pro Ser Gly
169 100 105 110
171 Leu Lys Gly Glu Lys Gly Ala Pro Gly Glu Thr Gly Ala Pro Gly Arg
172 115 120 125
174 Ala Gly Val Thr Gly Pro Ser Gly Ala Ile Gly Pro Gln Gly Pro Ser
175 130 135 140
177 Gly Ala Arg Gly Pro Pro Gly Leu Lys Gly Asp Arg Gly Asp Pro Gly
178 145 150 155 160
180 Glu Thr Gly Ala Ser Gly Glu Ser Gly Leu Ala
181 165 170

183 (2) INFORMATION FOR SEQ ID NO: 3:

185 (i) SEQUENCE CHARACTERISTICS:

186 (A) LENGTH: 3 amino acids
187 (B) TYPE: amino acid
188 (C) STRANDEDNESS: not relevant
189 (D) TOPOLOGY: linear

191 (ii) MOLECULE TYPE: peptide

194 (ix) FEATURE:

195 (A) NAME/KEY: misc.

196 (B) LOCATION: 2

197 (D) OTHER INFORMATION: /note= "2ND amino acid is a
198 protein-constituting amino acid."

200 (ix) FEATURE:

201 (A) NAME/KEY: misc.

202 (B) LOCATION: 3

203 (D) OTHER INFORMATION: /note= "3RD amino acid is a
204 protein-constituting amino acid."

207 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

W--> 209 Gly Xaa Xaa

210 1

212 (2) INFORMATION FOR SEQ ID NO: 4:

214 (i) SEQUENCE CHARACTERISTICS:

215 (A) LENGTH: 28 base pairs
216 (B) TYPE: nucleic acid
217 (C) STRANDEDNESS: single
218 (D) TOPOLOGY: linear

220 (ii) MOLECULE TYPE: other nucleic acid

221 (A) DESCRIPTION: /desc = "synthesized DNA"

226 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

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228 GGCTCGAGGG GGAGAGTGGG CTTGCAGA 28
230 (2) INFORMATION FOR SEQ ID NO: 5:
232 (i) SEQUENCE CHARACTERISTICS:
233 (A) LENGTH: 28 base pairs
234 (B) TYPE: nucleic acid
235 (C) STRANDEDNESS: single
236 (D) TOPOLOGY: linear
238 (ii) MOLECULE TYPE: other nucleic acid
239 (A) DESCRIPTION: /desc = "synthesized DNA"
244 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
246 GGAAATTCTC AAAACTCGCA GATCACAA 28

VERIFICATION SUMMARY

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L:28 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:29 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3